```
=> s dopamine####
        257518 DOPAMINE####
T.1
=> s ll and lithium
         9157 L1 AND LITHIUM
=> s 11 (4a) neuron##
         32345 L1 (4A) NEURON##
=> s 12 (120A) (lithium or LiCl#)
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L6
                                         (120A) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L7
                                         (120A) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L8
                                         (120A) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L9 (120A) '
          9157 L2 (120A) (LITHIUM OR LICL#)
=> s 12 and LiCl#
           557 L2 AND LICL#
L5
=> s 13 and LiCl#
           243 L3 AND LICL#
L6
=> s 16 and stem cell#
L7
            61 L6 AND STEM CELL#
=> duplicate remove
ENTER L# LIST OR (END):17
DUPLICATE PREFERENCE IS 'USPATFULL, PCTFULL'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L7
             61 DUPLICATE REMOVE L7 (0 DUPLICATES REMOVED)
=> s 18 and (1990-2002/py)
            29 L8 AND (1990-2002/PY)
=> d 1-29
L9
    ANSWER 1 OF 29 USPATFULL on STN
AN
       2006:11914 USPATFULL
TT
       DNA encoding SNORF33 receptor
       Borowsky, Beth E., Montclair, NJ, UNITED STATES
IN
       Ogozalek, Kristine L., Rochelle Park, NJ, UNITED STATES
       Jones, Kenneth A., Belmont, MA, UNITED STATES
       H. Lundbeck A/S, Valby-Copenhagen, DENMARK (non-U.S. corporation)
PA
                               20060117
PΙ
       US 6987005
                          B1
       WO 2000073449 20001207
                                                                     <--
       US 2001-980145
                               20000526 (9)
ДΤ
       WO 2000-US14654
                               20000526
                               20020412 PCT 371 date
       Continuation-in-part of Ser. No. US 2001-413433, filed on 6 Oct 1999,
RLI
       PENDING Continuation-in-part of Ser. No. US 2001-322257, filed on 28 May
       1999, ABANDONED
DT
       Utility
       GRANTED
FS
LN.CNT 4788
       INCLM: 435/069.100
INCL
       INCLS: 435/071.100; 435/320.100; 435/471.000; 435/325.000; 435/252.300;
              435/255.100; 435/255.500; 536/023.500; 530/350.000
NCL
       NCLM:
              435/069.100
              435/071.100; 435/252.300; 435/255.100; 435/255.500; 435/320.100;
       NCLS:
              435/325.000; 435/471.000; 530/350.000; 536/023.500
IC
              C12N0015-12 [I,A]; C12N0005-10 [I,A]; C12N0015-63 [I,A];
       IPCI
              C12P0021-02 [I,A]; C07K0014-47 [I,A]; C07K0014-435 [I,C*]
```

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435/69.1; 435/71.1; 435/320.1; 435/471; 435/325; 435/252.3; 435/255.1;
EXF
       435/255.5; 536/23.5; 530/350
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 2 OF 29 USPATFULL on STN
L9
       2002:336840 USPATFULL
AN
       Production and use of dopaminergic cells to treat dopaminergic
TI
       deficiencies
       McGrogan, Michael, San Carlos, CA, UNITED STATES
IN
       Snable, Gary, Atherton, CA, UNITED STATES
                               20021219
                                                                      <---
ΡI
       US 2002192194
                          A1
ΑI
       US 2001-452
                          A1
                               20011204 (10)
       US 2000-251735P
                           20001205 (60)
PRAI
       Utility
DT
FS
       APPLICATION
LN.CNT 1837
       INCLM: 424/093.210
INCL
       INCLS: 424/093.700; 435/368.000
NCL
       NCLM: 424/093.210
       NCLS: 424/093.700; 435/368.000
IC
       [7]
       ICM
              A61K048-00
       ICS
              C12N005-08
              A61K0048-00 [ICM,7]; C12N0005-08 [ICS,7]
       IPCI
              A61K0035-12 [N,A]; A61K0035-12 [N,C*]; C12N0005-06 [I,A];
       IPCR
              C12N0005-06 [I,C*]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L9
     ANSWER 3 OF 29 USPATFULL on STN
       2002:275908 USPATFULL
AN
TΙ
       Methods of identifying compounds that bind to SNORF25 receptors
       Bonini, James A., Oakland, NJ, United States
IN
       Borowsky, Beth E., Montclair, NJ, United States
       Adham, Nika, Ridgewood, NJ, United States
       Boyle, Noel, Cliffside Park, NJ, United States
       Thompson, Thelma O., Passaic Park, NJ, United States
       Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.
PA
       corporation)
                               20021022
PΙ
       US 6468756
                          B1
ΑI
       US 2000-641259
                               20000817 (9)
       Continuation of Ser. No. WO 2000-US4413, filed on 22 Feb 2000
RTIT
       Continuation of Ser. No. US 1999-387699, filed on 13 Aug 1999, now
       patented, Pat. No. US 6221660, issued on 24 Apr 2001
       Continuation-in-part of Ser. No. US 1999-255376, filed on 22 Feb 1999,
       now abandoned
DT
       Utility
FS
       GRANTED
LN.CNT 4506
INCL
       INCLM: 435/007.100
       INCLS: 435/007.200; 435/325.000; 435/348.000; 435/357.000; 435/361.000;
              435/356.000; 435/365.000; 435/369.000; 435/354.000; 530/350.000;
              536/023.500
NCL
              435/007.100
       NCLM:
              435/007.200; 435/325.000; 435/348.000; 435/354.000; 435/356.000;
       NCLS:
              435/357.000; 435/361.000; 435/365.000; 435/369.000; 530/350.000;
              536/023.500
IC
       [7]
       ICM
              G01N033-53
       IPCI
              G01N0033-53 [ICM, 7]
              C07K0014-435 [I,C*]; C07K0014-705 [I,A]
       536/23.5; 530/350; 435/325; 435/7.1; 435/7.2; 435/348; 435/357; 435/361;
EXF
       435/356; 435/365; 435/369; 435/354
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 4 OF 29 USPATFULL on STN
L9
       2002:266291 USPATFULL
AN
TI
       Constitutively active, hypersensitive, and nonfunctional recepors as
       novel therapeutic agents
```

```
Kopin, Alan S., Wellesley, MA, UNITED STATES
IN
       Beinborn, Martin, Boston, MA, UNITED STATES
PΙ
       US 2002147170
                          Α1
                                20021010
                                                                      <---
                          A1
                                20011025 (10)
ΑI
       US 2001-39645
                           20001026 (60)
PRAI
       US 2000-243550P
DT
       Utility
       APPLICATION
FS
LN.CNT 2842
INCL
       INCLM: 514/044.000
NCL
       NCLM: 514/044.000
IC
       [7]
       ICM
              A61K048-00
       IPCI
              A61K0048-00 [ICM, 7]
              A61K0038-00 [N,A]; A61K0038-00 [N,C*]; A61K0048-00 [N,A];
       IPCR
              A61K0048-00 [N,C*]; C07K0014-435 [I,C*]; C07K0014-705 [I,A];
              C07K0014-72 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L9
     ANSWER 5 OF 29 USPATFULL on STN
       2002:4178 USPATFULL
AN
ΤI
       Synthetic catalytic free radical scavengers useful as antioxidants for
       prevention and therapy of disease
       Malfroy-Camine, Bernard, Arlington, MA, UNITED STATES
IN
       Doctrow, Susan Robin, Roslindale, MA, UNITED STATES
                          A1
                                20020103
                                                                      <--
PΙ
       US 2002002157
       US 6573257
                          B2
                                20030603
AΙ
       US 2000-542182
                          A1
                                20000404 (9)
       Continuation of Ser. No. US 1998-973577, filed on 11 Mar 1998, GRANTED,
RLI
       Pat. No. US 6046188 A 371 of International Ser. No. WO 1996-US10037,
       filed on 6 Jun 1996, UNKNOWN Continuation of Ser. No. US 1995-485489,
       filed on 7 Jun 1995, GRANTED, Pat. No. US 5696109
PRAI
                           19931206
       WO 1993-US11857
       Utility
DT
FS
       APPLICATION
LN.CNT 3319
       INCLM: 514/185.000
INCL
       NCLM:
NCL
              514/185,000
              424/450.000; 514/184.000; 514/492.000; 514/501.000; 514/502.000;
       NCLS:
              514/505.000
IC
       [7]
       I CM
              A61K031-555
       ICS
              A01N055-02
              A61K0031-555 [ICM,7]; A01N0055-02 [ICS,7]; A01N0055-00 [ICS,7,C*]
       IPCI-2 A61K0031-553 [ICM,7]; A61K0031-28 [ICS,7]
       IPCR
              A61K0031-555 [I,A]; A61K0031-555 [I,C*]; C07C0251-00 [I,C*];
              C07C0251-24 [I,A]; C07F0013-00 [I,A]; C07F0013-00 [I,C*]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 6 OF 29 USPATFULL on STN
T.9
AN
       2000:41033 USPATFULL
TI
       Synthetic catalytic free radical scavengers useful as antioxidants for
       prevention and therapy of disease
IN
       Malfroy-Camine, Bernard, Arlington, MA, United States
       Doctrow, Susan Robin, Roslindale, MA, United States
PA
       Eukarion, Inc., Bedford, MA, United States (U.S. corporation)
PΙ
                                20000404
       US 6046188
                                                                      <--
       WO 9640148 19961219
                                                                      <--
       US 1998-973577
                                19980311 (8)
AΙ
       WO 1996-US10037
                                19960606
                                19980311 PCT 371 date
                                19980311 PCT 102(e) date
RLI
       Continuation-in-part of Ser. No. US 1995-485489, filed on 7 Jun 1995,
       now patented, Pat. No. US 5696109
DT
       Utility
       Granted
FS
LN.CNT 3405
INCL
       INCLM: 514/185.000
       INCLS: 514/184.000; 514/492.000; 514/501.000; 514/502.000; 514/505.000
```

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NCL
       NCLM:
              514/185.000
             514/184.000; 514/492.000; 514/501.000; 514/502.000; 514/505.000
       NCLS:
IC
       [7]
       ICM
              A61K031-555
       IPCI
              A61K0031-555 [ICM, 7]
              A61K0031-555 [I,A]; A61K0031-555 [I,C*]; C07C0251-00 [I,C*];
       IPCR
              C07C0251-24 [I,A]; C07F0013-00 [I,A]; C07F0013-00 [I,C*]
       514/185; 514/184; 514/492; 514/501; 514/502; 514/505
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 7 OF 29 USPATFULL on STN
T.9
       1998:138941 USPATFULL
AN
       Synthetic catalytic free radical scavengers useful as antioxidants for
ΤI
       prevention and therapy of disease
       Malfroy-Camine, Bernard, Arlington, MA, United States
IN
       Doctrow, Susan Robin, Roslindale, MA, United States
       Eukarion, Inc., Bedford, MA, United States (U.S. corporation)
PA
PΙ
       US 5834509
                               19981110
AΙ
       US 1995-479697
                               19950607 (8)
       Continuation-in-part of Ser. No. US 1995-380731, filed on 26 Jan 1995
RLI
       which is a continuation-in-part of Ser. No. US 1992-987474, filed on 7
       Dec 1992, now patented, Pat. No. US 5403834
       WO 1993-US11857
                           19931206
PRAI
DT
       Utility
       Granted
FS
LN.CNT 3384
       INCLM: 514/492.000
INCL
       INCLS: 556/032.000; 556/045.000
NCL
       NCLM:
              514/492.000
              556/032.000; 556/045.000
       NCLS:
IC
       [6]
       ICM
              A61K031-28
       ICS
              C07F013-00
       IPCI
              A61K0031-28 [ICM, 6]; C07F0013-00 [ICS, 6]
       IPCR
              A61K0031-28 [I,A]; A61K0031-28 [I,C*]; A61K0031-555 [I,A];
              A61K0031-555 [I,C*]; C07F0013-00 [I,A]; C07F0013-00 [I,C*]
EXF
       514/492; 556/32; 556/45
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L9
     ANSWER 8 OF 29 USPATFULL on STN
       1998:131743 USPATFULL
AN
       Synthetic catalytic free radical scavengers useful as antioxidants for
TI
       prevention and therapy of disease
IN
       Malfroy-Camine, Bernard, Arlington, MA, United States
       Doctrow, Susan Robin, Roslindale, MA, United States
       Eukarion, Inc., Bedford, MA, United States (U.S. corporation)
PΑ
       US 5827880
                               19981027
PΙ
       US 1995-380731
                               19950126 (8)
ΑI
       Continuation-in-part of Ser. No. US 1992-987474, filed on 7 Dec 1992,
RLI
       now patented, Pat. No. US 5403834
DT
       Utility
FS
       Granted
LN.CNT 3241
INCL
       INCLM: 514/492.000
       INCLS: 556/045.000
       NCLM: 514/492.000
NCL
       NCLS: 556/045.000
       [6]
IC
       I CM
              A61K031-28
       ICS
              C07F013-00
       IPCI
              A61K0031-28 [ICM, 6]; C07F0013-00 [ICS, 6]
              A61K0031-28 [I,A]; A61K0031-28 [I,C*]; A61K0031-555 [I,A];
              A61K0031-555 [I,C*]; C07F0013-00 [I,A]; C07F0013-00 [I,C*]
       514/492; 556/45
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L9
     ANSWER 9 OF 29 USPATFULL on STN
AN
       97:115268 USPATFULL
```

```
Synthetic catalytic free radical scavengers useful as antioxidants for
TI
       prevention and therapy of disease
       Malfroy-Camine, Bernard, Arlington, MA, United States
IN
       Doctrow, Susan Robin, Roslindale, MA, United States
       Eukarion, Inc., Bedford, MA, United States (U.S. corporation)
PA
                               19971209
       US 5696109
PΙ
       US 1995-485489
                               19950607 (8)
ΑI
       Continuation-in-part of Ser. No. US 1995-380731, filed on 26 Jan 1995
RLI
       which is a continuation-in-part of Ser. No. US 1992-987474, filed on 7
       Dec 1992, now patented, Pat. No. US 5403834
PRAI
       WO 1993-US11857
                           19931206
DT
       Utility
FS
       Granted
LN.CNT 3441
       INCLM: 514/185.000
INCL
       INCLS: 514/184.000; 514/492.000; 514/501.000; 514/502.000; 514/505.000
       NCLM: 514/185.000
NCL
       NCLS:
             514/184.000; 514/492.000; 514/501.000; 514/502.000; 514/505.000
IC
       [6]
       ICM
              A61K031-555
       ICS
              A61K031-28; A61K031-295
              A61K0031-555 [ICM,6]; A61K0031-28 [ICS,6]; A61K0031-295 [ICS,6];
       IPCI
              A61K0031-28 [ICS,6,C*]
              A61K0031-28 [I,A]; A61K0031-28 [I,C*]; A61K0031-555 [I,A];
       IPCR
              A61K0031-555 [I,C*]; C07F0013-00 [I,A]; C07F0013-00 [I,C*]
       514/185; 514/184; 514/492; 514/501; 514/502; 514/505
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L9
     ANSWER 10 OF 29 USPATFULL on STN
ΑN
       96:16743 USPATFULL
       Method for inhibiting microbial binding to surfaces
ΤI
       Hunter, Robert L., Tucker, GA, United States
IN
       Emanuele, R. Martin, Alpharetta, GA, United States
       Carpenter, Robert H., Bastrop, TX, United States
PA
       Emory University, Atlanta, GA, United States (U.S. corporation)
       Cytrx Corporation, Norcross, GA, United States (U.S. corporation)
PΤ
       US 5494660
                               19960227
ΑI
       US 1994-194209
                               19940209 (8)
RLI
       Continuation-in-part of Ser. No. US 1993-74069, filed on 21 Jul 1993
       which is a continuation-in-part of Ser. No. US 1991-714258, filed on 12
       Jun 1991, now patented, Pat. No. US 5234683 which is a continuation of
       Ser. No. US 1987-107358, filed on 9 Oct 1987, now patented, Pat. No. US
       5114708 which is a continuation-in-part of Ser. No. US 1987-90795, filed
       on 28 Aug 1987, now abandoned which is a continuation-in-part of Ser.
       No. US 1986-872111, filed on 13 Jun 1986, now abandoned which is a
       continuation-in-part of Ser. No. US 1985-787770, filed on 15 Oct 1985,
       now abandoned which is a continuation-in-part of Ser. No. US
       1985-745917, filed on 18 Jun 1985, now abandoned
DT
       Utility
FS
       Granted
LN.CNT 2886
INCL
       INCLM: 424/078.310
       INCLS: 514/716.000
NCL
       NCLM: 424/078.310
       NCLS: 514/716.000
IC
       [6]
       ICM
              A61K031-74
       ICS
              A61K031-075
       IPCI
              A61K0031-74 [ICM, 6]; A61K0031-075 [ICS, 6]
       IPCR
              A61K0031-74 [I,C*]; A61K0031-785 [I,A]; C08G0065-00 [I,C*];
              C08G0065-26 [I,A]
EXF
       424/78.31; 514/716
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 11 OF 29 USPATFULL on STN
L9
ΑN
       95:100979 USPATFULL
TI
       Methods for reducing salmonella in chickens
IN
       Hunter, Robert L., Tucker, GA, United States
```

```
Emory University, Atlanta, GA, United States (U.S. corporation)
PΑ
ΡI
       US 5466445
                                19951114
ΑI
       US 1993-74069
                                19930721 (8)
       Continuation-in-part of Ser. No. US 1991-714258, filed on 12 Jun 1991,
RLI
       now patented, Pat. No. US 5234683 which is a continuation of Ser. No. US
       1987-107358, filed on 9 Oct 1987, now patented, Pat. No. US 5114708
       which is a continuation-in-part of Ser. No. US 1987-90795, filed on 28
       Aug 1987, now abandoned which is a continuation-in-part of Ser. No. US
       1986-872111, filed on 13 Jun 1986, now abandoned which is a
       continuation-in-part of Ser. No. US 1985-787770, filed on 15 Oct 1985,
       now abandoned which is a continuation-in-part of Ser. No. US
       1985-745917, filed on 18 Jun 1985, now abandoned
DT
       Utility
FS
       Granted
LN.CNT 2334
       INCLM: 424/078.310
INCL
       INCLS: 514/716.000
NCL
       NCLM: 424/078.310
       NCLS: 514/716.000
IC
       [6]
       ICM
              A61K031-74
       ICS
              A61K031-075
              A61K0031-74 [ICM,6]; A61K0031-075 [ICS,6]
       IPCI
              A61K0031-74 [I,C*]; A61K0031-785 [I,A]; C08G0065-00 [I,C*];
       I PCR
              C08G0065-26 [I,A]
EXF
       424/78.31; 514/716
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 12 OF 29 USPATFULL on STN
L9
ΑN
       95:29636 USPATFULL
       Synthetic catalytic free radical scavengers useful as antioxidants for
TI
       prevention and therapy of disease
       Malfroy-Camine, Bernard, Arlington, MA, United States
ΙN
       Baudry, Michel, Long Beach, CA, United States
PΑ
       Eukarion, Inc., Arlington, MA, United States (U.S. corporation)
ÞΤ
       US 5403834
                               19950404
       US 1992-987474
                               19921207 (7)
AΙ
DT
       Utility
FS
       Granted
LN.CNT 1742
INCL
       INCLM: 514/185.000
       NCLM: 514/185.000
NCL
IC
       [6]
       ICM
              A61K031-555
       TPCT
              A61K0031-555 [ICM, 6]
       IPCR
              A61K0031-28 [I,A]; A61K0031-28 [I,C*]; A61K0031-555 [I,A];
              A61K0031-555 [I,C*]; C07F0013-00 [I,A]; C07F0013-00 [I,C*]
EXF
       514/185
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L9
     ANSWER 13 OF 29 USPATFULL on STN
AN
       93:65156 USPATFULL
TI
       Method of stimulating the immune system
IN
       Hunter, Robert L., Tucker, GA, United States
       Ragland, William L., Athens, GA, United States
       Emory University, Atlanta, GA, United States (U.S. corporation)
PA
       US 5234683
PΙ
                               19930810
       US 1991-714258
                               19910612 (7)
AΙ
       Continuation of Ser. No. US 1987-107358, filed on 9 Oct 1987, now
RLI
       patented, Pat. No. US 5114708 which is a continuation-in-part of Ser.
       No. US 1987-90975, filed on 28 Aug 1987, now abandoned which is a
       continuation-in-part of Ser. No. US 1986-872111, filed on 13 Jun 1986,
       now abandoned which is a continuation-in-part of Ser. No. US
       1985-787770, filed on 15 Oct 1985, now abandoned which is a
       continuation-in-part of Ser. No. US 1985-745917, filed on 18 Jun 1985,
       now abandoned
DT
       Utility
FS
       Granted
```

```
LN.CNT 2085
INCL
       INCLM: 424/078.310
       INCLS: 514/885.000
NCL
       NCLM: 424/078.310
       NCLS: 514/885.000
IC
       [5]
       ICM
              A61K031-74
       IPCI
              A61K0031-74 [ICM,5]
              A61K0031-74 [I,C*]; A61K0031-785 [I,A]; C08G0065-00 [I,C*];
       IPCR
              C08G0065-26 [I,A]
EXF
       424/78; 514/716; 514/78.31; 514/885
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 14 OF 29 USPATFULL on STN
1.9
       93:8705 USPATFULL
ΔN
TI
       Method of treating poultry for coccidiosis
TN
       Hunter, Robert L., Tucker, GA, United States
       Ragland, William L., Athens, GA, United States
       Emory University, Atlanta, GA, United States (U.S. corporation)
PA
                               19930202
PΙ
       US 5183687
AΙ
       US 1990-610417
                                19901107 (7)
       Continuation of Ser. No. US 1987-107358, filed on 9 Oct 1987 which is a
RLT
       continuation-in-part of Ser. No. US 1987-90795, filed on 28 Aug 1987,
       now abandoned which is a continuation-in-part of Ser. No. US
       1986-872111, filed on 13 Jun 1986, now abandoned which is a
       continuation-in-part of Ser. No. US 1985-787770, filed on 15 Oct 1985,
       now abandoned which is a continuation-in-part of Ser. No. US
       1985-745917, filed on 18 Jun 1985, now abandoned
DT
       Utility
FS
       Granted
LN.CNT 2026
INCL
       INCLM: 424/078.340
       INCLS: 514/664.000
NCL
       NCLM: 424/078.340
       NCLS: 514/664.000
IC
       [5]
       I CM
              A61K031-74
       IPCI
              A61K0031-74 [ICM,5]
              A61K0031-74 [I,C*]; A61K0031-785 [I,A]; C08G0065-00 [I,C*];
       IPCR
              C08G0065-26 [I,A]
       424/78
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 15 OF 29 USPATFULL on STN
1.9
AN
       92:40434 USPATFULL
ΤI
       Method for stimulating growth in animals
IN
       Hunter, Robert L., Tucker, GA, United States
       Ragland, William L., Athens, GA, United States
       Emory University, Atlanta, GA, United States (U.S. corporation)
PA
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       1986-872111, filed on 19 Jun 1986, now abandoned which is a
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       INCLS: 424/078.380
NCL
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              A61K0031-74 [ICM,5]
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              A61K0031-74 [I,C*]; A61K0031-785 [I,A]; C08G0065-00 [I,C*];
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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       ANSWER 16 OF 29
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AN
       2002101043 PCTFULL ED 20030102 EW 200251
       REGULATION OF HUMAN TA4 RECEPTOR
TIEN
       REGULATION DU RECEPTEUR TA4 HUMAIN
TIFR
       ZHU, Zhimin, 45 Hinckley Road, Waban, MA 02468, US [CN, US]
IN
       BAYER AKTIENGESELLSCHAFT, 51368 Leverkusen, DE [DE, DE], for all
PA
       designates States except US;
       ZHU, Zhimin, 45 Hinckley Road, Waban, MA 02468, US [CN, US], for US only
       BAYER AKTIENGESELLSCHAFT, 51368 Leverkusen, DE
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TIEN
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       REGULATION DE RECEPTEUR COMPLEXE A LA PROTEINE G HUMAIN
TIFR
       SMOLYAR, Alex, 734 Boylston Street, Brookline, MA 02467, US [US, US]
IN
       BAYER AKTIENGESELLSCHAFT, 51368 Leverkusen, DE [DE, DE], for all
PΑ
       designates States except US;
       SMOLYAR, Alex, 734 Boylston Street, Brookline, MA 02467, US [US, US],
       for US only
       BAYER AKTIENGESELLSCHAFT, 51368 Leverkusen, DE
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       PRODUCTION AND USE OF DOPAMINERGIC CELLS TO TREAT DOPAMINERGIC
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       MCGROGAN, Michael, P., 1405 Cedar Street, San Carlos, CA 94070, US;
IN
       SNABLE, Gary, 105 Reservoir Drive, Atherton, CA 94027, US;
       SANBERG, Paul, R., 11751 Pilot Country Drive, Spring Hill, FL 34610, US
       LAYTON BIOSCIENCE INC., 709 E. Evelyn Avenue, Sunnyvale, CA 94086, US
PA
       [US, US]
       RYAN, John, W., Wilmer, Cutler & Pickering, 2445 M. Street, N.W.,
AG
       Washington, DC 20037-1420, US
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       ANSWER 19 OF 29
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TIEN
       REGULATION OF HUMAN SEROTONIN-LIKE G PROTEIN-COUPLED RECEPTOR
TIFR
       REGULATION DU RECEPTEUR HUMAIN COUPLE A LA PROTEINE G SEMBLABLE A
       SEROTONINE
       SMOLYAR, Alex, 734 Boylston Street, Brookline, MA 02467, US [US, US]
IN
       BAYER AKTIENGESELLSCHAFT, 51368 Leverkusen, DE [DE, DE], for all
PΑ
       designates States except US;
       SMOLYAR, Alex, 734 Boylston Street, Brookline, MA 02467, US [US, US],
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ΑN
       2002020754 PCTFULL ED 20020705 EW 200211
TIEN
       MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS
TIFR
       MOLECULES UTILISEES A DES FINS DIAGNOSTIQUES ET THERAPEUTIQUES
IN
       STUART, Jackson, 4913 Deep Creek Road, Fremont, CA 94555, US [US, US];
       LINCOLN, Stephen, E., 725 Sapphire Street, Redwood City, CA 94061, US
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      ALTUS, Christina, M., 625 Virginia Avenue, Campbell, CA 95008, US [US,
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[US, US], for US only;
ALTUS, Christina, M., 625 Virginia Avenue, Campbell, CA 95008, US [US,
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[US, US], for US only;
CHALUP, Michael, S., 183 Acalanes Drive, Apt. 6, Sunnyvale, CA 94086, US
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GIETZEN, Darryl, 691 Los Huecos Drive, San Jose, CA 95123, US [US, US],
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YAP, Pierre, E., 201 Happy Hollow Court, Lafayette, CA 94549, US [US,
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DAHL, Christopher, R., 41277 Roberts Avenue, #6, Fremont, CA 94538, US
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MOMIYAMA, Monika, G., 25689 Deer Trail Place, Hayward, CA 94541, US [US,
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BRADLEY, Diana, L., 3260 Crystal Heights Drive, Soquel, CA 95073, US
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ROHATGI, Sameer, D., 5 Rico Way #103, San Francisco, CA 94123, US [US,
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HARRIS, Bernard, 1014 Lupine Drive, Sunnyvale, CA 94086, US [US, US],
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ROSEBERRY, Ann, M., 725 Sapphire Street, Redwood City, CA 94061, US [US,
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GERSTIN, Edward, H., Jr., 1408 38th Avenue, San Francisco, CA 94122, US
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PERALTA, Careyna, H., 4585 Lakeshore Drive, Santa Clara, CA 95054, US
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DAVID, Marie, H., 131 Mirada Drive, Daly City, CA 94015, US [US, US],
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PANZER, Scott, R., 965 East El Camino, #621, Sunnyvale, CA 94087, US
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FLORES, Vincent, 35000 Begonia Street, Union City, CA 94587, US [US,
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DAFFO, Abel, 1750 Stokes Street, #70, San Jose, CA 95126, US [US, US],
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MARWAHA, Rakesh, 16272 Saratoga Street, #4, San Leandro, CA 94578, US
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CHEN, Alice, J., 4405 Norwalk Drive, #22, San Jose, CA 95129, US [US,
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AU, Alan, P., 565 Ortega Avenue, #3, Mountain View, CA 94040, US [US,
US], for US only;
INMAN, Rebekah, R., 210 Calderon Avenue, #23, Mountain View, CA 94041,
US [US, US], for US only
HAMLET-COX, Diana, Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto,
CA 94304, US
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       ANSWER 21 OF 29
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       DNA ENCODING A HUMAN MELANIN CONCENTRATING HORMONE RECEPTOR (MCH1) AND
TIEN
       USES THEREOF
       ADN CODANT POUR UN RECEPTEUR HUMAIN DE L'HORMONE DE CONCENTRATION DE LA
TIFR
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       SALON, John, A.;
IN
       LAZ, Thomas, M.;
       NAGORNY, Raisa;
       WILSON, Amy, E.
PA
       SYNAPTIC PHARMACEUTICAL CORPORATION
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TIEN
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       HODGSON, David, M.;
IN
       LINCOLN, Stephen, E.;
       RUSSO, Frank, D.;
       SPIRO, Peter, A.;
       BANVILLE, Steven, C.;
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       COHEN, Howard, J.;
       ROSEN, Bruce, H.;
       SHAH, Purvi;
       CHALUP, Michael, S.;
       HILLMAN, Jennifer, L.;
       JONES, Anissa, Lee;
       YU, Jimmy, Y.;
       GREENAWALT, Lila, B.;
       PANZER, Scott, R.;
       ROSEBERRY, Ann, M.;
       WRIGHT, Rachel, J.;
       CHEN, Wensheng;
       LIU, Tommy, F.;
       YAP, Pierre, E.;
       STOCKDREHER, Theresa, K.;
       AMSHEY, Stefan;
       FONG, Willy, T.
PA
       INCYTE GENOMICS, INC.;
       HODGSON, David, M.;
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DUFOUR, Gerard, E.;
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       CHEN, Wensheng;
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AN
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       BOROWSKY, Beth, E.;
IN
       OGOZALEK, Kristine, L.;
       JONES, Kenneth, A.RP: WHITE, John, P.
PA
       SYNAPTIC PHARMACEUTICAL CORPORATION;
       BOROWSKY, Beth, E.;
       OGOZALEK, Kristine, L.;
       JONES, Kenneth, A.
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                     LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
                     TG
ΑI
       WO 2000-US14654
                               20000526
PRAI
       US 1999-09/322,257
                                19990528
                                19991006
       US 1999-09/413,433
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                                    COPYRIGHT 2006 Univentio on STN
       ANSWER 24 OF 29
1.9
       2000006700 PCTFULL ED 20020515
AN
       PRODUCTION AND USE OF DOPAMINERGIC CELLS TO TREAT DOPAMINERGIC
TIEN
       DEFICIENCIES
TIFR
       PRODUCTION ET UTILISATION DE CELLULES DOPAMINERGIQUES POUR TRAITER DES
       DEFICIENCES DOPAMINERGIQUES
       McGROGAN, Michael, P.;
IN
       SNABLE, Gary, L.
PΑ
       LAYTON BIOSCIENCE, INC.;
       McGROGAN, Michael, P.;
       SNABLE, Gary, L.
LΑ
       English
DT
       Patent
PΙ
       WO 2000006700
                            A1 20000210
DS
                     CA JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
                     PT SE
                               19981110
ΑI
       WO 1998-US23977
                            Α
PRAI
       US 1998-60/094.515
                               19980729
I CM
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ICS
       C12N015-00; A01K067-00; A01N063-00
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       1996040149 PCTFULL ED 20020514
AN
TIEN
       SYNTHETIC CATALYTIC FREE RADICAL SCAVENGERS USEFUL AS ANTIOXIDANTS FOR
       PREVENTION AND THERAPY OF DISEASE
TIFR
       INTERCEPTEURS CATALYTIQUES SYNTHETIQUES DE RADICAUX LIBRES S'UTILISANT
       COMME ANTIOXYDANTS DANS LA PREVENTION ET LE TRAITEMENT DE MALADIES
ΙN
       MALFROY-CAMINE, Bernard;
       DOCTROW, Susan, Robin
       EUKARION, INC.;
PΑ
       MALFROY-CAMINE, Bernard;
       DOCTROW, Susan, Robin
LΑ
       English
DT
       Patent
ΡI
       WO 9640149
                            A1 19961219
DS
                     AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
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ΑI
       WO 1996-US10267
                            A 19960606
PRAI
       US 1995-8/485,489
                               19950607
I CM
       A61K031-555
ICS
       A61K031:28; A61K031:295
L9
       ANSWER 26 OF 29
                         PCTFULL
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AN
TIEN
       SYNTHETIC CATALYTIC FREE RADICAL SCAVENGERS USEFUL AS ANTIOXIDANTS FOR
       PREVENTION AND THERAPY OF DISEASE
       PHAGOCYTES DE RADICAUX LIBRES SYNTHETIQUES CATALYTIQUES UTILES COMME
TIFR
       ANTIOXYDANTS POUR PREVENIR ET TRAITER DES MALADIES
IN
       MALFROY-CAMINE, Bernard;
       DOCTROW, Susan, Robin
       EUKARION, INC.;
PA
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MALFROY-CAMINE, Bernard;
       DOCTROW, Susan, Robin
       English
LΑ
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                     MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA
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                     AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ
                     CF CG CI CM GA GN ML MR NE SN TD TG
                            A 19960606
       WO 1996-US10037
ΑI
       US 1995-8/485,489
                               19950607
PRAI
ICM
      A61K031-555
      A61K031:28; A61K031:295
ICS
       ANSWER 27 OF 29
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                                   COPYRIGHT 2006 Univentio on STN
1.9
AN
       1996033731 PCTFULL ED 20020514
       METHODS OF USING NEUROTROPHIC FACTORS TO ENHANCE NEURONAL GRAFTS
TIEN
       PROCEDES D'UTILISATION DES FACTEURS NEUROTROPHIQUES POUR FACILITER LES
TIFR
       GREFFES DE NEURONES
IN
       YUREK, David, M.;
       WIEGAND, Stanley, J.
       REGENERON PHARMACEUTICALS, INC.
PA
LΑ
       English
DT
       Patent
                            A1 19961031
PΙ
       WO 9633731
                     AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
DS
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                     CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
                     CI CM GA GN ML MR NE SN TD TG
ΑI
      WO 1996-US5814
                            A 19960426
PRAI
      US 1995-8/427,879
                               19950426
ICM
      A61K038-18
                                   COPYRIGHT 2006 Univentio on STN
       ANSWER 28 OF 29
                         PCTFULL
L9
       1995021619 PCTFULL ED 20020514
AN
TIEN
       COMPOSITIONS AND METHODS FOR INHIBITING MICROBIAL BINDING TO SURFACES
       COMPOSITIONS ET PROCEDES DESTINES A INHIBER LA FIXATION MICROBIENNE A
TIFR
       DES SURFACES
       HUNTER, Robert, L.;
TN
       EMANUELE, R., Martin;
       CARPENTER, Robert, H.
       EMORY UNIVERSITY;
PΑ
       CYTRX CORPORATION
LΑ
       English
DT
       Patent
PΙ
                            A1 19950817
       WO 9521619
DS
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                     DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM
                     GA GN ML MR NE SN TD TG
                           A 19950209
      WO 1995-US1741
AΙ
       US 1994-194,209
                               19940209
PRAI
      A61K031-74
ICM
      A61K031:075
ICS
L9
      ANSWER 29 OF 29
                         PCTFULL
                                   COPYRIGHT 2006 Univentio on STN
AN
       1994013300 PCTFULL ED 20020513
       SYNTHETIC CATALYTIC FREE RADICAL SCAVENGERS USEFUL AS ANTIOXIDANTS FOR
TIEN
       PREVENTION AND THERAPY OF DISEASE
       PIEGEURS DE RADICAUX LIBRES CATALYTIQUES SYNTHETIQUES UTILES COMME
TIFR
      ANTIOXYDANTS DANS LA PREVENTION ET LA THERAPIE DE MALADIES
      MALFROY-CAMINE, Bernard;
IN
      BAUDRY, Michel
```

EUKARION, INC.; PA MALFROY-CAMINE, Bernard; BAUDRY, Michel English LΑ

DTPatent ΡI WO 9413300 A1 19940623 AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR KZ DS W:

LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US VN AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

WO 1993-US11857 A 19931206 ΑI 19921207 PRAI US 1992-7/987,474

ICM A61K031-555

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T.1
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L5
            243 S L3 AND LICL#
L6
             61 S L6 AND STEM CELL#
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             29 S L8 AND (1990-2002/PY)
=> s neural stem cells
L10
      5124 NEURAL STEM CELLS
=> s 110 and (bone marrow or Sertoli cell#)
         1326 L10 AND (BONE MARROW OR SERTOLI CELL#)
L11
=> duplicate remove
ENTER L# LIST OR (END):111
DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, USPATFULL, PCTFULL'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L11
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           345 L12 AND (1990-2002/PY)
L13
=> s 113 and (co-cultur### or feeder)
L14
           119 L13 AND (CO-CULTUR### OR FEEDER)
=> d 1-119
L14 ANSWER 1 OF 119
                        MEDLINE on STN
     2001462583 MEDLINE
AN
     PubMed ID: 11507641
DN
     Purification of a pluripotent neural stem cell from the adult mouse brain.
TI
     Rietze R L; Valcanis H; Brooker G F; Thomas T; Voss A K; Bartlett P F
ΑU
CS
     The Walter and Eliza Hall Institute of Medical Research, Royal Parade,
     Parkville, Victoria 3050, Australia.
     Nature, (2001 Aug 16) Vol. 412, No. 6848, pp. 736-9.
SO
     Journal code: 0410462. ISSN: 0028-0836.
CY
     England: United Kingdom
     Journal; Article; (JOURNAL ARTICLE)
DT
LΑ
     English
FS
     Priority Journals
EM
     200109
ED
     Entered STN: 20 Aug 2001
     Last Updated on STN: 10 Sep 2001
     Entered Medline: 6 Sep 2001
L14 ANSWER 2 OF 119 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on
AN
     2002:151867 BIOSIS
DN
     PREV200200151867
TТ
     Identification of a candidate human neurohematopoietic stem-cell
     population.
     Shih, Chu-Chih [Reprint author]; Weng, Yehua [Reprint author]; Mamelak,
ΑU
     Adam; LeBon, Thomas; Forman, Stephen J. [Reprint author]
CS
     Hematology, BMT, City of Hope National Medical Center, Duarte, CA, USA
SO
     Blood, (November 16, 2001) Vol. 98, No. 11 Part 2, pp. 125b.
     print.
     Meeting Info.: 43rd Annual Meeting of the American Society of Hematology,
     Part 2. Orlando, Florida, USA. December 07-11, 2001. American Society of
     Hematology.
     CODEN: BLOOAW. ISSN: 0006-4971.
DT
     Conference; (Meeting)
     Conference; Abstract; (Meeting Abstract)
LΑ
     English
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257518 S DOPAMINE####
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L2
           9157 S L1 AND LITHIUM
L3
          32345 S L1 (4A) NEURON##
           9157 S L2 (120A) (LITHIUM OR LICL#)
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            557 S L2 AND LICL#
L5
            243 S L3 AND LICL#
L6
             61 S L6 AND STEM CELL#
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           5124 S NEURAL STEM CELLS
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=> s 114 and 11
L15
            37 L14 AND L1
=> d 1-37
L15 ANSWER 1 OF 37 USPATFULL on STN
AN
       2002:227988 USPATFULL
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       Multipotent stem cells from peripheral tissues and uses thereof
       Toma, Jean, Montreal, CANADA
IN
       Akhavan, Mahnaz, Montreal, CANADA
       Fernandes, Karl J. L., Montreal, CANADA
       Fortier, Mathieu, Orford, CANADA
       Miller, Freda, Montreal, CANADA
PΙ
       US 2002123143
                          A1
                               20020905
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       US 2001-991480
                          A1
                               20011109 (9)
       Continuation-in-part of Ser. No. US 2001-916639, filed on 26 Jul 2001,
RLI
       PENDING Continuation-in-part of Ser. No. WO 2001-CA47, filed on 24 Jan
       2001, UNKNOWN Continuation-in-part of Ser. No. US 2000-670049, filed on
       25 Sep 2000, PENDING Continuation-in-part of Ser. No. US 2000-490422,
       filed on 24 Jan 2000, ABANDONED Continuation-in-part of Ser. No. US
       1997-920272, filed on 22 Aug 1997, PENDING
DT
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       APPLICATION
FS
LN.CNT 2174
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       INCLM: 435/368.000
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       NCLM: 435/368.000
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              C12N005-08
              C12N0005-08 [ICM,7]
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              A61K0035-12 [N,A]; A61K0035-12 [N,C*]; C12N0005-06 [I,A];
       TPCR
              C12N00.05-06 [I,C*]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L15
   ANSWER 2 OF 37 USPATFULL on STN
       2002:185669 USPATFULL
AN
TI
       Differentiated stem cells suitable for human therapy
IN
       Gold, Joseph D., San Francisco, CA, UNITED STATES
       Lebkowski, Jane S., Portola Valley, CA, UNITED STATES
ΡI
       US 2002098582
                          A1
                               20020725
                                                                     <--
       US 6576464
                          B2
                               20030610
                         A1
                               20010213 (9)
ΑI
       US 2001-783203
PRAI
       US 2000-253443P
                         20001127 (60)
       US 2000-253357P
                           20001127 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 3087
INCL
       INCLM: 435/366.000
       INCLS: 424/093.210; 435/194.000
NCL
       NCLM: 435/325.000; 435/366.000
       NCLS:
              536/023.100; 536/023.400; 536/024.100; 536/025.500; 424/093.210;
              435/194.000
IC
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              C12N005-08; C12N009-12
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       IPCI
       IPCI-2 C12N0005-00 [ICM,7]; C07H0021-02 [ICS,7]; C07H0021-04 [ICS,7];
              C07H0021-00 [ICS,7]
       I PCR
              A61K0035-12 [N,A]; A61K0035-12 [N,C*]; C12N0005-06 [I,A];
              C12N0005-06 [I,C*]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 3 OF 37 USPATFULL on STN
L15
       2002:164392 USPATFULL
AN
       Tolerizing allografts of pluripotent stem cells
ΤI
       Chiu, Choy-Pik, Cupertino, CA, UNITED STATES
IN
       Kay, Robert M., San Francisco, CA, UNITED STATES
PΙ
       US 2002086005
                         A1
                               20020704
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ΑI
       US 2001-990522
                         A1
                               20011121 (9)
PRAI
       US 2000-252688P
                           20001122 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 1045
       INCLM: 424/093.210
INCL
       INCLS: 424/093.700; 435/366.000
NCL
       NCLM: 424/093.210
       NCLS: 424/093.700; 435/366.000
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              C12N005-08
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              A61K0035-12 [N,A]; A61K0035-12 [N,C*]; A61K0039-00 [I,A];
       IPCR
              A61K0039-00 [I,C*]
L15 ANSWER 4 OF 37 USPATFULL on STN
AN
       2002:81274 USPATFULL
       Methods of making conditioned cell culture medium compositions
TI
IN
       Naughton, Gail K., La Jolla, CA, United States
       Mansbridge, Jonathan N., La Jolla, CA, United States
       Pinney, R. Emmett, Poway, CA, United States
       Advanced Tissue Sciences, Inc., La Jolla, CA, United States (U.S.
PA
       corporation)
PΙ
       US 6372494
                          B1
                               20020416
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ΑI
       US 1999-313538
                               19990514 (9)
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       INCLM: 435/391.000
       INCLS: 435/325.000; 435/304.000; 435/347.000; 435/366.000; 435/368.000;
              435/370.000; 435/371.000; 435/372.000; 435/395.000; 424/198.100;
              424/115.000; 514/002.000
NCL
       NCLM:
              435/391.000
       NCLS:
              424/115.000; 424/198.100; 435/325.000; 435/347.000; 435/366.000;
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              435/395.000; 514/002.000
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              A61K0008-02 [I,C*]; A61K0008-30 [I,C*]; A61K0008-64 [I,A];
              A61K0008-65 [I,A]; A61K0035-12 [I,A]; A61K0035-12 [I,C*];
              A61K0038-20 [I,A]; A61K0038-20 [I,C*]; A61Q0007-00 [I,A];
              A61Q0007-00 [I,C*]; A61Q0019-00 [I,A]; A61Q0019-00 [I,C*];
              A61Q0019-08 [I,A]; A61Q0019-08 [I,C*]; C12N0005-06 [I,A];
              C12N0005-06 [I,C*]
EXF
       435/70.3; 435/69.1; 435/69.4; 435/70.1; 435/325; 435/384; 435/347;
       435/366; 435/368; 435/370; 435/371; 435/372; 435/373; 435/391; 435/395;
       424/198.1; 424/115; 514/2
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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L15
    ANSWER 5 OF 37 USPATFULL on STN
       2002:48319 USPATFULL
AN
TI
       Human cord blood as a source of neural tissue for repair of the brain
       and spinal cord
       Sanberg, Paul, Spring Hill, FL, UNITED STATES
IN
       Sanchez-Remos, Juan, Tampa, FL, UNITED STATES
       Willing, Alison, Tampa, FL, UNITED STATES
       Richard, Daniel D., Sedona, AZ, UNITED STATES
                                20020307
                                                                      <--
ΡI
       US 2002028510 ·
                          A1
       US 2001-801221
                                20010307 (9)
ΑI
                          Α1
                           20000309 (60)
PRAI
       US 2000-188069P
       US 2001-269238P
                           20010216 (60)
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       Utility
FS
       APPLICATION
LN.CNT 3155
INCL
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       NCLM: 435/368.000
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              C12N005-08
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       I PCR
              C12N0005-06 [I,C*]
L15 ANSWER 6 OF 37 USPATFULL on STN
AN
       2002:27155 USPATFULL
ΤI
       Multipotent neural stem cells from
       peripheral tissues and uses thereof
IN
       Toma, Jean, Montreal, CANADA
       Akhavan, Mahnaz, Montreal, CANADA
       Fernandes, Karl J. L., Montreal, CANADA
       Fortier, Mathieu, Orford, CANADA
       Miller, Freda, Montreal, CANADA
ΡI
                                20020207
       US 2002016002
                          Α1
ΑI
       US 2001-916639
                          A1
                                20010726 (9)
       Continuation-in-part of Ser. No. WO 2001-CA47, filed on 24 Jan 2001,
RLI
       UNKNOWN Continuation-in-part of Ser. No. US 2000-670049, filed on 25 Sep
       2000, UNKNOWN Continuation-in-part of Ser. No. US 2000-490422, filed on
       24 Jan 2000, UNKNOWN
DT
       Utility
FS
       APPLICATION
LN.CNT 1697
INCL
       INCLM: 435/368.000
       INCLS: 435/366.000
NCL
       NCLM: 435/368.000
       NCLS: 435/366.000
IC
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       I CM
              C12N005-08
              C12N0005-08 [ICM,7]
       IPCI
       I PCR
              A61K0035-12 [N,A]; A61K0035-12 [N,C*]; C12N0005-06 [I,A];
              C12N0005-06 [I,C*]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L15
    ANSWER 7 OF 37 USPATFULL on STN
AN
       2002:8241 USPATFULL
ΤI
       Method and system for introducing a gene into a human stem cell
IN
       Wang, Kangsheng, Rowland Heights, CA, UNITED STATES
PA ·
       BIOAGRI CORP. (U.S. corporation)
PΙ
       US 2002004240
                          A1
                               20020110
                                                                      <--
       US 7053187
                          B2
                               20060530
AΤ
       US 2001-781046
                          Α1
                               20010208 (9)
       Continuation-in-part of Ser. No. US 2000-537861, filed on 28 Mar 2000,
RLI
       PENDING
DT
       Utility
FS
       APPLICATION
LN.CNT 837
       INCLM: 435/366.000
INCL
       INCLS: 435/455.000; 530/388.100
NCL
      NCLM: 530/388.100
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NCLS: 530/387.100
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              C12N005-08
       ICS
              C12N015-63; C07K016-18
              C12N0005-08 [ICM,7]; C12N0015-63 [ICS,7]; C07K0016-18 [ICS,7]
       IPCI-2 C07K0016-00 [I,A]; C12P0021-08 [I,A]
              A01K0067-027 [I,A]; A01K0067-027 [I,C*]; A61K0035-12 [N,A];
       TPCR
              A61K0035-12 [N,C*]; A61K0047-48 [I,A]; A61K0047-48 [I,C*];
              C07K0016-18 [I,C*]; C07K0016-28 [I,A]; C12N0005-06 [I,A];
              C12N0005-06 [I,C*]; C12N0015-87 [I,A]; C12N0015-87 [I,C*]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
    ANSWER 8 OF 37 USPATFULL on STN
AN
       2002:3605 USPATFULL
ΤI
       Treatment of disorders by implanting stem cells and/or progeny thereof
       into gastrointestinal organs
       Pasricha, Pankaj J., Houston, TX, UNITED STATES
TN
       Micci, Maria A., Dickinson, TX, UNITED STATES
                        A1
                              20020103
                                                                     <--
PΤ
       US 2002001578
       US 6808702
                          B2
                               20041026
       US 2001-834110
                          Α1
                               20010412 (9)
       US 2000-196806P
                          20000413 (60)
PRAI
                           20000912 (60)
       US 2000-232301P
DT
       Utility
       APPLICATION
FS
LN.CNT 580
       INCLM: 424/093.700
INCL
       INCLS: 435/368.000
       NCLM: 424/093.100; 424/093.700
NCL
              424/093.200; 424/093.210; 435/368.000
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       ICM
              A61K045-00
       ICS
              C12N005-08
       IPCI
              A61K0045-00 [ICM,7]; C12N0005-08 [ICS,7]
       IPCI-2 A01N0063-00 [ICM,7]; A01N0065-00 [ICS,7]; A61K0048-00 [ICS,7]
              A61K0035-12 [N,A]; A61K0035-12 [N,C*]; C12N0005-06 [I,A];
              C12N0005-06 [I,C*]
    ANSWER 9 OF 37 USPATFULL on STN
L15
       2001:229423 USPATFULL
AN
       Highly efficient gene transfer into human repopulating stem cells by
TI
       RD114 pseudotyped retroviral vector particles
IN
       Kelly, Patrick F., Cordova, TN, United States
       Vanin, Elio F., Memphis, TN, United States
PΑ
       St. Jude Children's Research Hospital (U.S. corporation)
PΙ
       US 2001051375
                         A1
                               20011213
                                                                     < - -
       US 6849454
                          B2
                               20050201
       US 2001-801302
ДΤ
                         A1
                               20010307 (9)
       US 2000-187534P
                          20000307 (60)
PRAI
DT
       Utility
       APPLICATION
FS
LN.CNT 1956
INCL
       INCLM: 435/456.000
       INCLS: 424/093.210; 800/014.000
NCL
       NCLM: 435/455.000; 435/456.000
       NCLS: 435/235.100; 435/325.000; 424/093.210; 800/014.000
IC
       [7]
       I CM
              A61K048-00
       ICS
              A01K067-027; C12N015-867
              A61K0048-00 [ICM,7]; A01K0067-027 [ICS,7]; C12N0015-867 [ICS,7]
       TPCI
       IPCI-2 C12N0015-09 [ICM,7]; C12N0007-00 [ICS,7]; C12N0015-85 [ICS,7]
              A61K0035-12 [N,A]; A61K0035-12 [N,C*]; A61K0048-00 [N,A];
              A61K0048-00 [N,C*]; C12N0015-867 [I,A]; C12N0015-867 [I,C*]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L15
    ANSWER 10 OF 37 USPATFULL on STN
AN
       2000:15639 USPATFULL
ΤI
       Regulation of gene expression
```

```
IN
       Peyman, John A., Cheshire, CT, United States
       Yale University, New Haven, CT, United States (U.S. corporation)
PΑ
ΡI
       US 6022863
                               20000208
       US 1996-646789
                               19960521 (8)
ΑI
DT
       Utility
FS
       Granted
LN.CNT 4750
       INCLM: 514/044.000
INCL
       INCLS: 536/024.100; 435/325.000; 435/001.100; 435/091.100; 800/013.000;
              800/025.000
       NCLM:
              514/044.000
NCL
              435/001.100; 435/091.100; 435/325.000; 536/024.100; 800/013.000;
       NCLS:
              800/025.000
IC
       [6]
       I CM
              C12N015-11
       IPCI
              C12N0015-11 [ICM, 6]
              A61K0048-00 [N,A]; A61K0048-00 [N,C*]; C12N0015-11 [I,A];
       I PCR
              C12N0015-11 [I,C*]; C12N0015-67 [I,A]; C12N0015-67 [I,C*]
EXF
       536/23.1; 536/24.1; 536/24.33; 435/325; 435/1.1; 435/91.1; 514/44;
       800/13; 800/25
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
    ANSWER 11 OF 37 USPATFULL on STN
       1999:163509 USPATFULL
AN
       Methods for differentiating neural stem
ΤI
       cells to neurons or smooth muscle cells using TGT-\beta super
       family growth factors
       Anderson, David J., Altadena, CA, United States
ΙN
       Shah, Nirao M., New York, NY, United States
       California Institute of Technology, Pasadena, CA, United States (U.S.
PA
       corporation)
PΙ
       US 6001654
                                19991214
                                                                      <--
       US 1997-846028
ΑI
                               19970425 (8)
       Continuation-in-part of Ser. No. US 1994-188286, filed on 28 Jan 1994,
RLI
       now patented, Pat. No. US 5654183 which is a continuation-in-part of
       Ser. No. WO 1993-US7000, filed on 26 Jul 1993 which is a
       continuation-in-part of Ser. No. US 1992-969088, filed on 29 Oct 1992,
       now abandoned which is a continuation-in-part of Ser. No. US
       1992-920617, filed on 27 Jul 1992, now abandoned
PRAI
       US 1997-44797P
                           19970424 (60)
DΤ
       Utility
FS
       Granted
LN.CNT 2392
INCL
       INCLM: 435/377.000
       INCLS: 435/325.000; 435/352.000; 435/353.000; 435/368.000; 435/375.000
NCL
             435/377.000
              435/325.000; 435/352.000; 435/353.000; 435/368.000; 435/375.000
       NCLS:
IC
       [6]
       ICM
              C12N005-16
       IPCI
              C12N0005-16 [ICM, 6]
              C07K0016-18 [I,C*]; C07K0016-28 [I,A]; C12N0005-06 [I,A];
       IPCR
              C12N0005-06 [I,C*]; G01N0033-50 [I,A]; G01N0033-50 [I,C*]
       435/325; 435/375; 435/352; 435/353; 435/377; 435/368
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L15
    ANSWER 12 OF 37 USPATFULL on STN
       1999:24325 USPATFULL
AN
TI
       Methods for making immunoisolatary implantable vehicles with a
       biocompatible jacket and a biocompatible matrix core
IN
       Dionne, Keith E., Rehoboth, MA, United States
       Emerich, Dwaine F., Providence, RI, United States
       Hoffman, Diane, Cambridge, MA, United States
       Sanberg, Paul R., Spring Hill, FL, United States
       Christenson, Lisa, New Haven, CT, United States
       Hegre, Orion D., Green Valley, AZ, United States
       Scharp, David W., St. Louis, MO, United States
       Lacy, Paul E., Webster Grove, MO, United States
       Aebischer, Patrick, Lutry, Switzerland
```

```
Vasoohcellos, Alfred V., Cranston, RI, United States
       Lysaght, Michael J., E. Greenwich, RI, United States
       Gentile, Frank T., Warwich, RI, United States
       Brown University Research Foundation, United States (U.S. corporation)
PA
PΙ
       US 5874099
                               19990223
       US 1995-449837
                               19950524 (8)
ΑI
       Division of Ser. No. US 1994-179151, filed on 10 Jan 1994 which is a
RLI
       continuation-in-part of Ser. No. US 1991-692403, filed on 25 Apr 1991,
       now abandoned
DT
       Utility
       Granted
FS
LN.CNT 3879
       INCLM: 424/422.000
INCL
       INCLS: 424/423.000; 424/424.000; 424/426.000; 424/427.000; 424/430.000;
              424/434.000; 424/437.000; 424/489.000; 424/490.000
NCL
       NCLM:
              424/422.000
       NCLS:
              424/423.000; 424/424.000; 424/426.000; 424/427.000; 424/430.000;
              424/434.000; 424/437.000; 424/489.000; 424/490.000
IC
       [6]
       I CM
              A61K009-50
       ICS
              A61K009-14
              A61K0009-50 [ICM,6]; A61K0009-14 [ICS,6]
       IPCI
       IPCR
              A61K0009-00 [I,A]; A61K0009-00 [I,C*]; A61K0035-12 [I,A];
              A61K0035-12 [I,C*]; A61K0035-30 [I,A]; A61K0035-30 [I,C*];
              A61K0035-37 [I,C*]; A61K0035-39 [I,A]; A61K0038-18 [I,A];
              A61K0038-18 [I,C*]; A61K0048-00 [I,A]; A61K0048-00 [I,C*];
              C12N0005-00 [I,A]; C12N0005-00 [I,C*]; C12N0005-06 [I,A];
              C12N0005-06 [I,C*]
EXF
       424/422; 424/423; 424/424; 424/426; 424/427; 424/430; 424/434; 424/437;
       424/489; 424/490
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L15
     ANSWER 13 OF 37 USPATFULL on STN
AN
       1999:21753 USPATFULL
       Methods for treatment or prevention of neurodegenerative conditions
TI
       using immunoisolatory implantable vehicles with a biocompatible jacket
       and a biocompatible matrix core
IN
       Dionne, Keith E., Rehoboth, MA, United States
       Emerich, Dwaine F., Providence, RI, United States
       Hoffman, Diane, Cambridge, MA, United States
       Sanberg, Paul R., Spring Hill, FL, United States
       Christenson, Lisa, New Haven, CT, United States
       Hegre, Orion D., Green Valley, AZ, United States
       Scharp, David W., St. Louis, MO, United States
       Lacy, Paul E., Webster Grove, MO, United States
       Aebischer, Patrick, Lutry, Switzerland
       Vasconcellos, Alfred V., Cranston, RI, United States
       Lysaght, Michael J., E. Greenwich, RI, United States
       Gentile, Frank T., Warwich, RI, United States
PA
       Brown University Research Foundation, United States (U.S. corporation)
PΙ
       US 5871767
                               19990216
                                                                     <--
ΑI
       US 1995-449062
                               19950524 (8)
       Division of Ser. No. US 1994-179151, filed on 10 Jan 1994 which is a
RLI
       continuation-in-part of Ser. No. US 1991-692403, filed on 25 Apr 1991,
       now abandoned
       Utility
DT
FS
       Granted
LN.CNT 3909
INCL
       INCLM: 429/422.000
       INCLS: 424/423.000; 424/424.000; 424/426.000; 424/427.000; 424/430.000;
              424/434.000; 424/437.000; 424/489.000; 424/490.000
NCL
       NCLM:
              424/422.000
       NCLS:
              424/423.000; 424/424.000; 424/426.000; 424/427.000; 424/430.000;
              424/434.000; 424/437.000; 424/489.000; 424/490.000
IC
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       ICM
              A61K009-50
       ICS
              A61K009-14
       IPCI
              A61K0009-50 [ICM,6]; A61K0009-14 [ICS,6]
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A61K0009-00 [I,A]; A61K0009-00 [I,C*]; A61K0035-12 [I,A];
       IPCR
              A61K0035-12 [I,C*]; A61K0035-30 [I,A]; A61K0035-30 [I,C*];
              A61K0035-37 [I,C*]; A61K0035-39 [I,A]; A61K0038-18 [I,A];
              A61K0038-18 [I,C*]; A61K0048-00 [I,A]; A61K0048-00 [I,C*];
              C12N0005-00 [I,A]; C12N0005-00 [I,C*]; C12N0005-06 [I,A];
              C12N0005-06 [I,C*]
EXF
       424/422; 424/423; 424/426; 424/427; 424/430; 424/434; 424/437; 424/489;
       424/490
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
    ANSWER 14 OF 37 USPATFULL on STN
L15
       1998:138453 USPATFULL
AN
       Methods for making immunoisolatory implantable vehicles with a
ΤI
       biocompatiable jacket and a biocompatible matrix core
       Dionne, Keith E., Rehoboth, MA, United States
IN
       Emerich, Dwaine F., Providence, RI, United States
       Hoffman, Diane, Cambridge, MA, United States
       Sanberg, Paul R., Spring Hill, FL, United States
       Christenson, Lisa, New Haven, CT, United States
       Hegre, Orion D., Green Valley, AZ, United States
       Sharp, David W., St. Louis, MO, United States
       Lacy, Paul E., Webster Grove, MO, United States
       Aebischer, Patrick, Lutry, Switzerland
       Vasconcellos, Alfred V., Cranston, RI, United States
       Lysaght, Michael J., Greenwich, RI, United States
       Gentile, Frank T., Warwich, RI, United States
PA
       Brown University Research Foundation, United States (U.S. corporation)
       US 5834001
ΡI
                               19981110
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       US 1995-449214
ΑI
                               19950524 (8)
       Division of Ser. No. US 1994-179151, filed on 10 Jan 1994 which is a
RLI
       continuation-in-part of Ser. No. US 1991-692403, filed on 25 Apr 1991,
       now abandoned
DT
       Utility
FS
       Granted
LN.CNT 3844
INCL
       INCLM: 424/422.000
       INCLS: 424/423.000; 424/424.000; 424/426.000; 424/427.000; 424/430.000;
              424/434.000; 424/437.000; 424/489.000; 424/490.000
NCL
       NCLM:
              424/422.000
       NCLS:
              424/423.000; 424/424.000; 424/426.000; 424/427.000; 424/430.000;
              424/434.000; 424/437.000; 424/489.000; 424/490.000
IC
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       ICM
              A61K009-50
       ICS
              A61K009-14
       IPCI
              A61K0009-50 [ICM, 6]; A61K0009-14 [ICS, 6]
       IPCR
              A61K0009-00 [I,A]; A61K0009-00 [I,C*]; A61K0035-12 [I,A];
              A61K0035-12 [I,C*]; A61K0035-30 [I,A]; A61K0035-30 [I,C*];
              A61K0035-37 [I,C*]; A61K0035-39 [I,A]; A61K0038-18 [I,A];
              A61K0038-18 [I,C*]; A61K0048-00 [I,A]; A61K0048-00 [I,C*];
              C12N0005-00 [I,A]; C12N0005-00 [I,C*]; C12N0005-06 [I,A];
              C12N0005-06 [I,C*]
EXF
       424/422; 424/423; 424/424; 424/426; 424/427; 424/430; 424/434; 424/437;
       424/489; 424/490
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
    ANSWER 15 OF 37 USPATFULL on STN
L15
AN
       1998:122520 USPATFULL
ΤI
       Stimulation, production, culturing and transplantation of stem cells by
       fibroblast growth factors
IN
       Wilson, Elaine Lynette, New York, NY, United States
       Gabrilove, Janice, New York, NY, United States
PA
       New York University, New York, NY, United States (U.S. corporation)
       Sloan-Kettering Institute for Cancer Research, New York, NY, United
       States (U.S. corporation)
PΙ
       US 5817773
                               19981006
                                                                     <--
ΑI
       US 1996-605919
                               19960223 (8)
RLI
       Division of Ser. No. US 1993-76875, filed on 15 Jun 1993, now patented,
       Pat. No. US 5612211 which is a continuation-in-part of Ser. No. US
```

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1992-950549, filed on 25 Sep 1992, now abandoned which is a
       continuation-in-part of Ser. No. US 1990-536108, filed on 8 Jun 1990,
       now abandoned
DT
       Utility
       Granted
FS
LN.CNT 2098
INCL
       INCLM: 530/399.000
       INCLS: 530/324.000; 424/577.000; 514/012.000; 514/002.000; 435/372.000
              530/399.000
NCL
       NCLS:
              424/577.000; 435/372.000; 530/324.000
IC
       [6]
       ICM
              A61K038-18
       IPCI
              A61K0038-18 [ICM, 6]
              A61K0035-12 [N,A]; A61K0035-12 [N,C*]; A61K0038-00 [N,A];
       IPCR
              A61K0038-00 [N,C*]; A61K0038-18 [I,A]; A61K0038-18 [I,C*];
              C12N0005-06 [I,A]; C12N0005-06 [I,C*]
EXF
       530/399; 530/351; 530/324; 424/577; 435/240.2; 435/240.21; 435/240.25;
       435/372; 514/2; 514/12
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L15 ANSWER 16 OF 37 USPATFULL on STN
       1998:104405 USPATFULL -
AN
       Methods for coextruding immunoisolatory implantable vehicles with a
TI
       biocompatible jacket and a biocompatible matrix core
IN
       Dionne, Keith E., Rehoboth, MA, United States
       Emerich, Dwaine F., Providence, RI, United States
       Hoffman, Diane, Cambridge, MA, United States
       Sanberg, Paul R., Spring Hill, FL, United States
       Christenson, Lisa, New Haven, CT, United States
       Hegre, Orion D., Green Valley, AZ, United States
       Scharp, David W., St. Louis, MO, United States
       Lacy, Paul E., Webster Grove, MO, United States
       Aebischer, Patrick, Lutry, Switzerland
       Vasconcellos, Alfred V., Cranston, RI, United States
Lysaght, Michael J., E. Greenwich, RI, United States
       Gentile, Frank T., Warwich, RI, United States
       Brown University Research Foundation, United States (U.S. corporation)
PΑ
       US 5800829
PΙ
                                19980901
ΑI
       US 1995-449274
                                19950524 (8)
RLI
       Division of Ser. No. US 1994-179151, filed on 10 Jan 1994 which is a
       continuation-in-part of Ser. No. US 1991-693403, filed on 25 Apr 1991,
       now abandoned
DT
       Utility
FS
       Granted
LN.CNT 3898
INCL
       INCLM: 424/422.000
       INCLS: 424/423.000; 424/424.000; 424/426.000; 424/427.000; 424/430.000;
              424/434.000; 424/437.000; 424/489.000; 424/490.000
NCL
       NCLM:
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       NCLS:
              424/423.000; 424/424.000; 424/426.000; 424/427.000; 424/430.000;
              424/434.000; 424/437.000; 424/489.000; 424/490.000
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       [6]
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              A61K009-50
       ICS
              A61K009-14
       IPCI
              A61K0009-50 [ICM,6]; A61K0009-14 [ICS,6]
       IPCR
              A61K0009-00 [I,A]; A61K0009-00 [I,C*]; A61K0035-12 [N,A];
              A61K0035-12 [N,C*]
EXF
       424/422; 424/423; 424/424; 424/426; 424/427; 424/430; 424/434; 424/437;
       424/489; 424/490
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L15
    ANSWER 17 OF 37 USPATFULL on STN
AN
       97:22655 USPATFULL
ΤI
       Stimulation, production and culturing of hematopoietic progenitor cells
       by fibroblast growth factors
       Wilson, Elaine L., New York, NY, United States
IN
       Gabrilove, Janice, New York, NY, United States
       New York University, New York, NY, United States (U.S. corporation)
PΑ
```

```
Sloan-Kettering Institute For Cancer Research, New York, NY, United
       States (U.S. corporation)
PΤ
       US 5612211
                               19970318
                                                                      <--
ΑI
       US 1993-76875
                               19930615 (8)
       Continuation-in-part of Ser. No. US 1992-950549, filed on 25 Sep 1992,
RLI
       now abandoned which is a continuation-in-part of Ser. No. US
       1990-536108, filed on 8 Jun 1990, now abandoned
DT
       Utility
FS
       Granted
LN.CNT 1961
INCL
       INCLM: 435/378.000
       INCLS: 435/377.000; 435/384.000; 514/002.000; 514/012.000; 530/324.000;
              530/351.000; 530/399.000; 424/577.000; 435/325.000
NCL
       NCLM:
              435/378.000
       NCLS:
              424/577.000; 435/325.000; 435/377.000; 435/384.000; 514/002.000;
              514/012.000; 530/324.000; 530/351.000; 530/399.000
IC
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       IPCI
              A61K0038-18 [ICM, 6]
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              A61K0035-12 [N,A]; A61K0035-12 [N,C*]; A61K0038-00 [N,A];
              A61K0038-00 [N,C*]; A61K0038-18 [I,A]; A61K0038-18 [I,C*];
              C07K0014-435 [I,C*]; C07K0014-50 [I,A]; C12N0005-06 [I,A];
              C12N0005-06 [I,C*]
       530/399; 530/324; 530/351; 424/577; 435/240.2; 435/240.21; 435/240.25;
EXF
       514/2; 514/12
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L15
       ANSWER 18 OF 37
                         PCTFULL
                                   COPYRIGHT 2006 Univentio on STN
       2002075302 PCTFULL ED 20021010 EW 200239
AN
TIEN
       METHOD FOR THERAPEUTICALLY TREATING A CLINICALLY RECOGNIZED FORM OF
       CARDIOPATHOLOGY IN A LIVING MAMMAL
TIFR
       METHODE DE TRAITEMENT THERAPEUTIQUE D'UNE FORME CLINIQUEMENT IDENTIFIEE
       DE CARDIOPATHIE CHEZ UN MAMMIFERE VIVANT
       MORGAN, James, P., 56 Norwood Avenue, Newton Centre, MA 02459, US [US,
IN
PA
       XIAO, Yong-Fu, 26 Pequot Road, Wayland, MA 01778, US [US, US];
       MORGAN, James, P., 56 Norwood Avenue, Newton Centre, MA 02459, US [US,
       US]
AG
       PRASHKER, David, David Prashker, P.C., 8 Chateau Heights, Magnolia, MA
       01930, US
LAF
       English
LΑ
       English
DT
       Patent
PΙ
       WO 2002075302
                            A1 20020926
DS
       W:
                     AU CA JP US
       RW (EPO):
                     AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
ΑI
       WO 2002-US7555
                            A 20020314
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       US 2001-60/276,148
                               20010315
       US 2001-60/276,147
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       US 2001-60/276,247
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       US 2001-60/276,245
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       US 2001-60/276,244
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       US 2001-60/276,243
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       US 2001-60/276,175
                               20010315
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       A01K067-00; A01K067-027; A01K067-033; A01N043-04; A01N063-00;
       A61K031-70; A61K048-00; C12N005-00; C12N005-02
       ANSWER 19 OF 37
L15
                                   COPYRIGHT 2006 Univentio on STN
                        PCTFULL
       2002064748 PCTFULL ED 20020904 EW 200234
AN
TIEN
       MULTIPOTENT ADULT STEM CELLS, SOURCES THEREOF, METHODS OF OBTAINING AND
       MAINTAINING SAME, METHODS OF DIFFERENTIATION THEREOF, METHODS OF USE
       THEREOF AND CELLS DERIVED THEREOF
TIFR
       CELLULES SOUCHES ADULTES TOTIPOTENTES, SOURCES DE CES CELLULES, PROCEDES
       D'OBTENTION ET DE MAINTIEN DE CES DERNIERES, PROCEDES DE DIFFERENTIATION
       DE CES CELLULES, PROCEDES D'UTILISATION CORRESPONDANTS ET CELLULES
```

DERIVEES DES CELLULES SUSMENTIONNEES

```
FURCHT, Leo, T., MCL LLC, 2100 West 21st Street, Minneapolis, MN 55455
IN
       [US, US];
       VERFAILLIE, Catherine, M., University of Minnesota, MMC 716, 422
       Delaware Street SE, Minneapolis, MN 55455 [US, US]
       FURCHT, Leo, T., MCL LLC, 2100 West 21st Street, Minneapolis, MN 55455
PΑ
       [US, US];
       VERFAILLIE, Catherine, M., University of Minnesota, MMC 716, 422
       Delaware Street SE, Minneapolis, MN 55455 [US, US]
AG
       LAWRENCE, William, F., Frommer Lawrence & Haug LLP, 745 Fifth Avenue,
       New York, NY 10151, US
LAF
       English
       English
LΑ
DT
       Patent
PΤ
       WO 2002064748
                            A2 20020822
                     AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
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                     IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
                     MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM
                     TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
       RW (ARIPO):
                     GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
       RW (EAPO):
                     AM AZ BY KG KZ MD RU TJ TM
                     AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
       RW (EPO):
                     BF BJ CF CG CI CM GA GN GO GW ML MR NE SN TD TG
       RW (OAPI):
                            A 20020214
       WO 2002-US4652
AΙ
       US 2001-60/268,786
PRAI
                               20010214
       US 2001-60/269,062
                               20010215
       US 2001-60/310,625
                               20010807
       US 2001-60/343,386
                               20011025
ICM
       C12N
       ANSWER 20 OF 37
                         PCTFULL
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L15
AN
       2002062395 PCTFULL ED 20020827 EW 200233
TIEN
       A METHOD AND SYSTEM FOR INTRODUCING A GENE INTO A HUMAN STEM CELL
       METHODE ET SYSTEME D'INTRODUCTION D'UN GENE DANS UNE CELLULE SOUCHE
TIFR
       HUMAINE
IN
       WANG, Kangsheng, 2125 South Erdmore Ave., Rowland Heights, CA 91748, US
       [US, US]
       BIOAGRI CORPORATION, 17711 Rowland Street, City of Industry, CA 91748,
PΑ
       US [US, US], for all designates States except US;
       WANG, Kangsheng, 2125 South Erdmore Ave., Rowland Heights, CA 91748, US
       [US, US], for US only
       TIU, Samuel, N., Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los
AG
       Angeles, CA 90071-2066, US
LAF
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AN
       MEDANE GENES AND PROTEINS
TIEN
TIFR
       GENES ET PROTEINES MEDANE
       GUIMERA-VILARO, Jordi, Edith-Stein-Strasse 2, 85716 Unterschleissheim,
IN
       DE [ES, DE];
       BALLY-CUIF, Laure, Hanselmannstrasse 39, 80809 Muenchen, DE [FR, DE];
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VOGT-WEISENHORN, Daniela, Pulverturmstrasse 39, 80935 Muenchen, DE [DE,
       WURST, Wolfgang, Hanselmannstrasse 39, 80809 Muenchen, DE [DE, DE]
PA
       GSF FORSCHUNGSZENTRUM FUER UMWELT UND GESUNDHEIT GMBH, Ingolstaedter
       Landstrasse 1, 85764 Oberschleissheim, DE [DE, DE], for all designates
       States except US;
       MAX-PLANCK-GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V.,
       Hofgartenstrasse 8, 80539 Muenchen, DE [DE, DE], for all designates
       States except US;
       GUIMERA-VILARO, Jordi, Edith-Stein-Strasse 2, 85716 Unterschleissheim,
       DE [ES, DE], for US only;
       BALLY-CUIF, Laure, Hanselmannstrasse 39, 80809 Muenchen, DE [FR, DE],
       for US only;
       VOGT-WEISENHORN, Daniela, Pulverturmstrasse 39, 80935 Muenchen, DE [DE,
       DE], for US only;
       WURST, Wolfgang, Hanselmannstrasse 39, 80809 Muenchen, DE [DE, DE], for
       US only
       BEHNISCH, Werner, Reinhard, Skuhra, Weise & Partner GbR,
AG
       Friedrichstrasse 31, 80801 Muenchen, DE
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TIEN
       DIFFERENTIATED CELLS SUITABLE FOR HUMAN THERAPY
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       CELLULES DIFFERENCIEES UTILISABLES EN THERAPIE D'UN INDIVIDU HUMAIN
IN
       GOLD, Joseph, D., 100 Lundy's Lane, San Francisco, CA 94110, US [US,
       LEBROWSKI, Jane, S., 150 Gabarda Way, Portola Valley, CA 94028, US [US,
PA
       GERON CORPORATION, 230 Constitution Drive, Menlo Park, CA 94025, US [US.
       US], for all designates States except US;
       GOLD, Joseph, D., 100 Lundy's Lane, San Francisco, CA 94110, US [US,
       US], for US only;
       LEBROWSKI, Jane, S., 150 Gabarda Way, Portola Valley, CA 94028, US [US,
       US], for US only
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       SCHIFF, J., Michael, Geron Corporation, 230 Constitution Drive, Menlo
       Park, CA 94025, US
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       STEM CELLS
TIEN
       CELLULES SOUCHES
TIFR
       KRASSOWSKA, Anna, University of Edinburgh, Leukaemia Research Fund,
IN
       Division of Molecular & Clinical Medicine, Western General Hospital,
       Crewe Road South, Edinburgh EH4 2XU, GB [GB, GB];
       CUNNINGHAM, Andrew, University of Edinburgh, Leukaemia Research Fund,
       Division of Molecular & Clinical Medicine, Western General Hospital,
       Crewe Road South, Edinburgh EH4 2XU, GB [GB, GB];
       ANSELL, John, University of Edinburgh, Leukaemia Research Fund, Division
       of Molecular & Clinical Medicine, Western General Hospital, Crewe Road
       South, Edinburgh EH4 2XU, GB [GB, GB];
       TURNER, Marc, University of Edinburgh, Leukaemia Research Fund, Division
       of Molecular & Clinical Medicine, Western General Hospital, Crewe Road
       South, Edinburgh EH4 2XU, GB [GB, GB]
       THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH, Old College, South
PA
       Bridge, Edinburgh EH8 9YL, GB [GB, GB], for all designates States except
       KRASSOWSKA, Anna, University of Edinburgh, Leukaemia Research Fund,
       Division of Molecular & Clinical Medicine, Western General Hospital,
       Crewe Road South, Edinburgh EH4 2XU, GB [GB, GB], for US only;
       CUNNINGHAM, Andrew, University of Edinburgh, Leukaemia Research Fund,
       Division of Molecular & Clinical Medicine, Western General Hospital,
       Crewe Road South, Edinburgh EH4 2XU, GB [GB, GB], for US only;
       ANSELL, John, University of Edinburgh, Leukaemia Research Fund, Division
       of Molecular & Clinical Medicine, Western General Hospital, Crewe Road
       South, Edinburgh EH4 2XU, GB [GB, GB], for US only;
       TURNER, Marc, University of Edinburgh, Leukaemia Research Fund, Division
       of Molecular & Clinical Medicine, Western General Hospital, Crewe Road
       South, Edinburgh EH4 2XU, GB [GB, GB], for US only
       MCCALLUM, William, Potter, Cruikshank & Fairweather, 19 Royal Exchange
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       2002024873 PCTFULL ED 20020701 EW 200213
TIEN
       STEM CELL THERAPY
TIFR
       THERAPIE A BASE DE CELLULES SOUCHES
IN
       FRANKS, Christopher, Ralph, Church House, Wantage Road, Eddington,
       Hungerford, Berks RG17 2HP, GB [GB, GB];
       DELLA BITTA, Ruggero, Corso Porta Romana 74, I-20122 Milan, IT [IT, IT]
PΑ
       FRANKS, Christopher, Ralph, Church House, Wantage Road, Eddington,
       Hungerford, Berks RG17 2HP, GB [GB, GB];
       DELLA BITTA, Ruggero, Corso Porta Romana 74, I-20122 Milan, IT [IT, IT]
      HARRISON, Goddard, Foote, Belgrave Hall, Belgrave Street, Leeds LS2 8DD,
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       A61K035-12
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ΑN
TIEN
       PLURIPOTENT MAMMALIAN CELLS
TIFR
       CELLULES MULTIPOTENTES DE MAMMIFERE
       DOMINKO, Tanja;
IN
       PAGE, Raymond, L.;
       COLMAN, Alan
       DOMINKO, Tanja;
PA
       PAGE, Raymond, L.;
       COLMAN, Alan
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       WO 2001-US19093
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TIEN
       CELLS, CULTURE METHODS AND THEIR USES
TIFR
       CELLULES, PROCEDES DE MISE EN CULTURE ET LEURS UTILISATIONS
TN
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AN
       2001078752 PCTFULL ED 20020826
TIEN
       TREATMENT OF DISORDERS BY IMPLANTING STEM CELLS AND/OR PROGENY THEREOF
       INTO GASTROINTESTINAL ORGANS
       TRAITEMENT DE TROUBLES PAR L'IMPLANTATION DE CELLULES SOUCHES ET/OU
TIFR
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ISSUES DE CELLES CI DANS LES ORGANES GASTRO-INTESTINAUX
IN
       PASRICHA, Pankaj, Jay;
       MICCI, Maria, A.
       BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM;
PA
       PASRICHA, Pankaj, Jay;
       MICCI, Maria, A.
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I CM
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ICS
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       ANSWER 28 OF 37
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       2001066698 PCTFULL ED 20020822
AN
TIEN
       HUMAN CORD BLOOD AS A SOURCE OF NEURAL TISSUE FOR REPAIR OF THE BRAIN
       AND SPINAL CORD
       CELLULES SANGUINES DU CORDON OMBILICAL HUMAIN UTILISEES COMME SOURCE DE
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       TISSU NEURAL PERMETTANT DE REPARER LE CERVEAU ET LA MOELLE EPINIERE
       SANBERG, Paul;
IN
       SANCHEZ-RAMOS, Juan;
       WILLING, Alison;
       RICHARD, Daniel, D.
       CRYO-CELL INTERNATIONAL, INC.;
       UNIVERSITY OF SOUTH FLORIDA
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TIEN
       CELL PRODUCTION
TIFR
       PRODUCTION DE CELLULES
IN
       RATHJEN, Peter, David;
       RATHJEN, Joy
PA
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       ANSWER 30 OF 37
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AN
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TIEN
       METHODS, COMPOSITIONS AND KITS FOR PROMOTING RECOVERY FROM DAMAGE TO THE
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       PROCEDES, COMPOSITIONS ET TROUSSES POUR FAVORISER LE RETABLISSEMENT
TIFR
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       FINKLESTEIN, Seth, P.;
IN
       SNYDER, Evan, Y.
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       THE GENERAL HOSPITAL CORPORATION
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       ANSWER 31 OF 37
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AN
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TIEN
       MULTIPOTENT ADULT STEM CELLS AND METHODS FOR ISOLATION
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       CELLULES SOUCHES ADULTES TOUTES-PUISSANTES ET PROCEDE D'ISOLEMENT
ΙN
       FURCHT, Leo, T.;
       VERFAILLIE, Catherine, M.;
       REYES, Morayma
       FURCHT, Leo, T.;
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       REYES, Morayma
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TIEN
       CONDITIONED CELL CULTURE MEDIUM COMPOSITIONS AND METHODS OF USE
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       COMPOSITIONS DE MILIEU DE CULTURE CELLULAIRE CONDITIONNE ET TECHNIQUES
       D'UTILISATION
IN
       NAUGHTON, Gail, K.;
       HORWITZ, David, L.;
       APPLEGATE, Mark, A.;
       ZELTINGER, Joan;
       MANSBRIDGE, Jonathan, N.;
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KERN, Andreas;

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RATCLIFFE, Anthony;
       PINNEY, R., Emmett
       ADVANCED TISSUE SCIENCES, INC.;
PA
       NAUGHTON, Gail, K.;
       HORWITZ, David, L.;
       APPLEGATE, Mark, A.;
       ZELTINGER, Joan;
       MANSBRIDGE, Jonathan, N.;
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       ANSWER 33 OF 37
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AN
       CELLS. CULTURE METHODS. AND THEIR USE IN AUTOLOGOUS TRANSPLANTATION
TIEN
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       CELLULES, PROCEDES DE CULTURE ET LEURS UTILISATIONS
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       C12N005-06
       ANSWER 34 OF 37
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L15
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AN
       1999067363 PCTFULL ED 20020515
TIEN
       EPENDYMAL NEURAL STEM CELLS AND METHOD FOR
       THEIR ISOLATION
TIFR
       CELLULES EMBRYONNAIRES NEURONALES EPENDYMAIRES ET METHODE SERVANT A
       ISOLER CELLES-CI
IN
       JANSON, Ann, Marie;
       FRISEN, Jonas;
       JOHANSSON, Clas;
       MOMMA, Stefan;
       CLARKE, Diana;
       ZHAO, Ming;
       LENDAHL, Urban;
       DELFANI, Kioumars
       NEURONOVA AB;
PΑ
       JANSON, Ann, Marie;
       FRISEN, Jonas;
       JOHANSSON, Clas;
       MOMMA, Stefan;
       CLARKE, Diana;
       ZHAO, Ming;
       LENDAHL, Urban;
       DELFANI, Kioumars
LΑ
       English
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LANDEEN, Lee, K.;

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DT
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       WO 9967363
                            A1 19991229
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DS
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                     LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU
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AΙ
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       A61K035-30
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L15
       1999053021 PCTFULL ED 20020515
AN
       CELL DIFFERENTIATION/PROLIFERATION AND MAINTENANCE FACTOR AND USES
TIEN
       THEREOF
TIFR
       FACTEUR DE DIFFERENTIATION/DE PROLIFERATION ET DE CONSERVATION DES
       CELLULES ET PROCEDES D'UTILISATION CORRESPONDANTS
       BETTESS, Michael, David;
IN
       RATHJEN, Peter, David;
       RATHJEN, Joy
       BRESAGEN LIMITED;
PA
       BETTESS, Michael, David;
       RATHJEN, Peter, David;
       RATHJEN, Joy
LΑ
       English
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       Patent
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       WO 9953021
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       AU 1998-PP 6097
ICM
       C12N001-38
ICS
       C12N005-06; C12N005-16; C12N005-22; C07K014-78
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       ANSWER 36 OF 37
                         PCTFULL
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AN
       1999043286 PCTFULL ED 20020515
TIEN
       ISOLATED STROMAL CELLS FOR USE IN THE TREATMENT OF DISEASES OF THE
       CENTRAL NERVOUS SYSTEM
       CELLULES DU STROMA ISOLEES DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT
TIFR
       DES MALADIES DU SYSTEME NERVEUX CENTRAL
IN
       PROCKOP, Darwin, J.;
       STOKES, David, G.;
       AZIZI, S., Ausim;
       PHINNEY, Donald, G.
PA
       MCP HAHNEMANN UNIVERSITY;
       PROCKOP, Darwin, J.;
       STOKES, David, G.;
       AZIZI, S., Ausim;
       PHINNEY, Donald, G.
T.A
       English
DT
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       WO 9943286
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                            A2 19990902
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                     DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
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CM GA GN GW ML MR NE SN TD TG

AI WO 1999-US3897 A 19990224 PRAI US 1998-09/028,395 19980224

ICM A61K035-00

ICS C12N015-85; C12N015-86

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AN 1997044450 PCTFULL ED 20020514 TIEN REGULATION OF GENE EXPRESSION

TIFR REGULATION DE L'EXPRESSION GENETIQUE

IN PEYMAN, John, A. PA YALE UNIVERSITY; PEYMAN, John, A.

English

LA English DT Patent

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DS W: AU CA JP US AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL

PT SE

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ICM C12N015-11

ICS C12N015:00; A61K031:70